



JC07 Rec'd PCT/PTO

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PCT

FORM PTO-1390(modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  
(REV 10-85)TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING  
A FILING UNDER 35 U.S.C., 371ATTORNEY'S DOCKET NUMBER  
00/21438

U.S. APPLICATION NO. (IF KNOWN), SEE 37 CFR

09/463302

INTERNATIONAL APPLICATION NO.  
PCT/IL99/00444INTERNATIONAL FILING DATE  
17 AUGUST 1999PRIORITY DATE CLAIMED  
29 SEPTEMBER 1998

## TITLE OF INVENTION

METHODS OF CONTROLLING PROLIFERATION AND DIFFERENTIATION OF  
STEM AND PROGENITOR CELLS

## APPLICANT(S) FOR DO/EO/US

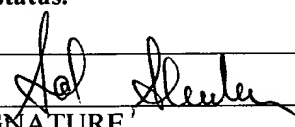
- |                                                                  |                                                                       |                                                                   |
|------------------------------------------------------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------|
| 1) Tony PELED<br>8 Carmel St.<br>90 805 Mevaseret Zion<br>Israel | 2) Eitan FIBACH<br>11 Hacranim St.<br>90 805 Mevaseret Zion<br>Israel | 3) Avi TREVES<br>10 Carmel St.<br>90 805 Mevaseret Zion<br>Israel |
|------------------------------------------------------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------|

Applicant herewith submits to the United States Designated/Elected Office (DO/EO.US) the following items and other information:

1. ☒ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19<sup>th</sup> month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(3)(2)
  - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(3)(2).
7. ☒ A copy of the International Search Report (PCT/ISA/210).
8. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
9. ☐ A translation of the amendments to the claims under PCT Article 19(35 U.S.C. 371(c)(3)).
10. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

## Items 13 to 18 below concern document(s) of information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A FIRST preliminary amendment.  
A SECOND or SUBSEQUENT preliminary amendment.
16. ☐ A substitute specification.
17. ☐ A change of power of attorney and/or address letter.
18. ☐ Certificate of Mailing by Express Mail
19. ☐ Other items or information:

U.S. APPLICATION NO. <b>077 463302</b>	INTERNATIONAL APPLICATION NO. <b>PCT/IL99/00444</b>	ATTORNEY'S DOCKET NUMBER <b>00/21438</b>
20. The following fees are submitted:  <b>BASIC NATIONAL FEE (37 CFR 1.492(a) (1) – (5)):</b>  <input type="checkbox"/> Search Report has been prepared by the EPO or JPO \$ 860 <input checked="" type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1,482) \$ 690 <input type="checkbox"/> No international preliminary examination fee paid to USPTO (37 CFR 1,482) but international search fee paid to USPTO (37 CFR 1,445(a)(2)) \$ 710 <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$ 1000 <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) \$ 100  <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>		<b>CALCULATIONS PTO USE ONLY</b>  <div style="border: 1px solid black; padding: 2px;">\$690.00</div>
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e))		<div style="border: 1px solid black; padding: 2px;">\$0.00</div>
CLAIMS	NUMBER FILED	NUMBER EXTRA
Total claims	64 - 20 =	44
Independent claims	17 - 3 =	14
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>		<div style="border: 1px solid black; padding: 2px;">\$0.00</div>
<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$2,602.00
Reduction of 1/2 for filing by small entity, if applicable. <input checked="" type="checkbox"/>		<div style="border: 1px solid black; padding: 2px;">\$1,301.00</div>
<b>SUBTOTAL =</b>		\$1,301.00
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f))		<div style="border: 1px solid black; padding: 2px;">\$0.00</div>
<b>TOTAL NATIONAL FEE =</b>		\$0.00
Fee for recording the enclosed assignment (37 CFR 1.2(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable) <input checked="" type="checkbox"/>		<div style="border: 1px solid black; padding: 2px;">\$40.00</div>
<b>TOTAL FEES ENCLOSED =</b>		\$1,341.00
		Amount to be refunded: \$
		charged \$
<input type="checkbox"/> A check in the amount of \$ <u>1,341</u> to cover the above fees is enclosed.  <input type="checkbox"/> Please charge my Deposit Account No. <u>50-1407</u> in the amount of \$ <u>1,341</u> to cover the above fees. A duplicate copy of this sheet is enclosed.  <input type="checkbox"/> The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. <u>50-1407</u> . A duplicate copy of this sheet is enclosed.  <b>NOTE: Where an appropriate time limit under 37CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b>  <b>SEND ALL CORRESPONDENCE TO:</b>		
SOL SHEINBEIN G.E. EHRLICH (1995) LTD. C/O ANTHONY CASTORINA SUITE 207 2001 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202, USA		<div style="text-align: center;">           SIGNATURE       </div> <div style="text-align: center;">         SOL SHEINBEIN          NAME       </div> <div style="text-align: center;"> <u>25,457</u>          REGISTRATION NUMBER       </div> <div style="text-align: center;"> <u>March 15, 2001</u>          DATE       </div>